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FIBER TYPE	MULTIMODE - OM2
CORE DIAMETER	50 μm
CLADDING DIAMETER	125 μm
CABLE (O.D.) (mm)	2.9 \pm 0.1
CABLE THICKNESS (mm)	0.5 \pm 0.05
CABLE MATERIAL	PVC
BUFFER (O.D.) (mm)	0.87 \pm 0.05
BUFFER MATERIAL	PVC

WAVELENGTH:	850/1300nm FIBER TYPE	850/1300nm MAXIMUM
ATTENUATION	3.0/1.0 dB/km	3.5/1.5 dB/km
OFL BANDWIDTH (MHz.km)	\geq 500/500	
EFFECTIVE MODER (MHz.km)	N.A.	
10G ETHERNET SX (M)	N.A.	
STRENGTH MEMBERS	ARAMID YARN	
JACKET SHRINKAGE	\leq 5% (2H BAKE AT 85°C \pm 2°C)	
RELATIVELY HUMIDITY	0 ~ 90%	

MAX. TENSILE STRENGTH (N)	
SHORT TERM	100
LONG TERM	50

MIN. BEND RADIUS (mm)	
DYNAMIC	20X DIA.
STATIC	10X DIA.

MAX. CRUSH RESISTANCE (N/100mm)	
SHORT TERM	500
LONG TERM	100

NOTES:

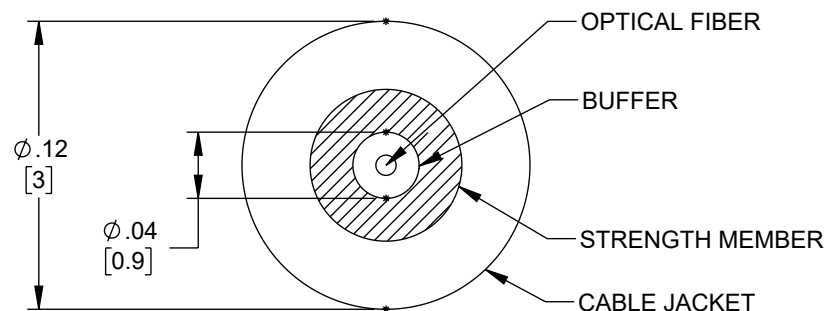
1. BULK CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/19/2023	PSRINIVAS	PHOSPODAR



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

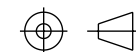
TOLERANCES:
 X = \pm 2 [5] FRACTIONS
 .XX = \pm 0.02 [0.5] \pm 1/32
 .XXX = \pm 0.005 [0.13] ANGLES \pm 1°

CABLE LENGTH TOLERANCES:
 \leq 12 [305] = +1 [25] / -0
 $>$ 12 [305] \leq 60 [1524] = +2 [51] / -0
 $>$ 60 [1524] \leq 120 [3048] = +4 [102] / -0
 $>$ 120 [3048] \leq 300 [7620] = +6 [152] / -0
 $>$ 300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
**ROUND SIMPLEX OPTICAL CABLE, 50/125 OM2, RISER
RATED, 3.0mm, 500 METERS**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	PSRINIVAS	FOB-1F3DM2R-500M	A

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